

COASTAL IMPACT ASSISTANCE PROGRAM

Jefferson Parish Project Nominee Fact Sheet

Project Title: Fifi Island Restoration Extension

Entity/Individual nominating the project: Jefferson Parish, Louisiana

Contact Information: Marnie Winter, Director
Jefferson Parish Department of Environmental Affairs
1221 Elmwood Park Blvd., Suite 1006
Jefferson, Louisiana 70123
(504) 736-6440
mwinter@jeffparish.net

Total CIAP Funds Requested: \$ 3,000,000

Parish CIAP Funds Proposed: \$ 3,000,000

State CIAP Funds Requested: \$ 0

Infrastructure Funds Proposed: N/A

Description and Location of the Project: The project is located at the eastern tip of Fifi Island, adjacent to Bayou Rigaud, on the northern side of Grand Isle in Jefferson Parish, Louisiana.

The project would provide for marsh creation through dedicated dredging and vegetative plantings. The project would extend eastern from the existing u-shaped rock rip-rap in an elongated v-shape for approximately 1,000 linear feet with a head width of 200 feet, slightly north of the USACE maintained Bayou Rigaud navigation channel. The interior of v-shaped rock revetment would be filled with beneficial use dredge material from Bayou Rigaud. Dredge material would be stacked to marsh elevation and then planted with appropriate marsh vegetation.

Project Type: Conservation, restoration and protection of coastal area, including wetland

Project Justification: The project would provide approximately 2,200 linear feet of rock dike protection and create approximately 6 acres of marsh. Additionally, it would add another restoration component to the on-going conservation efforts being implemented on Fifi Island, protect the bay side of Grand Isle (Louisiana's only inhabited barrier island) from assault from northerly winds; and protect important infrastructure important to the economy of Jefferson Parish and the nation, including: Bayou Rigaud navigation channel; the USCG station; the Louisiana Wildlife and Fisheries boat dock; the largest recreation and commercial marina on Grand Isle; and facilities associated with the Grand Isle Tarpon Rodeo.

The project is consistent with the following coastal restoration initiatives:

COAST 2050: TOWARD A SUSTAINABLE COASTAL LOUISIANA:

Coastwide Strategy:

Beneficial Use of Dredged Material from maintenance Operations
Dedicated Dredging for Marsh Creation
Maintenance of Bay and Lake Shorelines
Maintain or Restore Ridge Functions

Regional Strategy:

- #17. Dedicated delivery of sediment for marsh building marsh in Caminada Bay.
- #22. Restore/Maintain barrier headlands, islands, and shorelines.

LOUISIANA COASTAL AREA ECOSYSTEM RESTORATION STUDY (LCA):

Initial Near-Term Critical Restoration Features:

- 3. Barataria Basin Barrier Shoreline Restoration

Strategies:

Create a marsh platform for habitat in areas near existing navigational channels through beneficial use of maintenance dredging materials.

COASTAL IMPACT ASSISTANCE PROGRAM (CIAP):

Protect Critical infrastructure

Project Cost Share: State = 0 %
 Parish = 0 %